Item no.: 382665

42663 - A-HELI-0031-V2-01-L 1x LTE5GWiFi circular polarised antenna IP65

from **346,16 EUR**

Item no.: 382665
shipping weight: 1.60 kg
Manufacturer: Poynting

📄 Product Description

Poynting A-HELI-0031-V2-01-L 1x LTE/5G/WiFi circular polarised antenna, IP65 Outdoor, 9.5dBi max. 1700-7200MHz, 350mm N(m)The HELI-31 is part of a series of MiniHELI antennas. These antennas are only small compared to their larger brethren, making them ideal for mine tunnels where IoT/M2M connectivity is deployed and they can also be used for bus stop coverage.The HELI-31 is an ultra-wideband antenna that radiates in one direction (i.e. unidirectional), making it ideal for coverage from 1710-7200 MHz. These antennas are typically used for the deployment of IoT in tunnels to enable telemetry and mine automation. This wideband helical antenna propagates around tunnel curves in a non-line-of-sight scenario and provides immunity to many signal-interfering objects such as trains and boring machines that appear to obscure the tunnel.SCOPE OF SUPPLY- Antenna (left)HIGHLIGHTS- Ultra-wideband circularly polarised- Wi-Fi 6 (802.11ax) & LTE/4G/5G- Improved signal propagation and connection stability within a tunnel- Unidirectional - radiates in one direction in the tunnel-Careful mechanical design ensures robustness, water and dust resistance- Ideal for M2M and Wi-Fi deployments in mining and tunnelsTECHNICAL DETAILS- 1x LTE/5G/WiFi- IP65 Outdoor- 9.5dBi max. 1700-7200MHz- RG-58- 350mm N(m)- Ceiling mounting- MIL-STD 810F/ASTM B117, IK08, UL 94-HBAPPLICATION FIELDS-Complement fibre optic/cable networks by providing wireless "hotspots" in areas to improve mobility or extend networks to inaccessible areas such as mines and tunnels-Underground telemetry- Creating complete tunnel-based/mine-wide data networks and/or internet connectivity- Seamless connection to personnel via VOIP phones, smart devices and tablets- M2M applications

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability